

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00928

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ : C12N15/19,C07K14/52,A61K38/19,A61P35/00

According to International Patent Classification(IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC⁷ : C12N15/19,C07K14/52,A61K38/19,A61P35/00

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)

WPI,EPODOC,PAJ,CNPAT, GenBank+EMBL+DDBJ+PDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant claim No.
A	KR2002004495 A;SEOL D W,et al;C12N15/09;2002/01/16 See the abstract.	1-11
A	WO0179495 A1;UNIV IOWA RES FOUND;C12N15/12;2001/10/25 See the abstract.	1-11
A	US6284236 B1;IMMUNEX CORP;A61K38/19;2001/09/04 See the abstract.	1-11
A	KR2001019100 A;DONG WHA PHARM IND CO LTD;C12N15/12;2001/03/15 See the abstract.	1-11
A	WO9701633 A1; IMMUNEX CORP;C12N15/09;1997/01/16 See the abstract.	1-11

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 December 2003 (22.12.03)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date	Patent family members	Publication date
KR2002004495 A	2002-01-16	US2002128438 A1	2002-09-12
WO0179495 A1	2001-10-25	AU200151544 A	2001-10-30
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